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AMENBMENTS TO THE CLAIMS

This listing of claims replaces all previous versions and listing of claims in this application.

1-30. (Cancelled)

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31. (New) A method of preparing a desiceant comprising the steps of:

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selecting a salt solution;

drying a super absorbing polymer(SAP);

contacting the dried SAP with the salt solution in order to perform an ionic

modification of the SAP; and

drying a hydrogel generated by the contact between the SAP and the salt solution.

- 32. (New) The method of claim 31, wherein the concentration of the salt solution is between 5-15wt%.
- 33. (New) The method of claim 31, wherein the salt solution comprises water as a solvent.
- 34. (New) A desiccant prepared by the method of claim 31,
- 35. (New) The desiccant of claim 34, wherein the SAP is cross-linked.
- 36. (New) The desiccant of claim 34, wherein the SAP takes a granular form.
- 37. (New) The desiccant of claim 34, wherein the granules have a maximum particle diameter of 1,000μm.
- 38. (New) The desiccant of claim 34, wherein the SAP forms fiber or filaments.

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- 39. (New) The desiccant of claim 34, wherein the SAP comprises polymer and/or copolymer in which acryl acid or acrylamide is cross-linked, propfpolymer of starch, cross-linked amylum derivative, and/or cellulose derivative.
- 40. (New) A dehumidifying element comprising the desiccant of claim 34.
- 41. (New) A dehumidifying element comprising a carrier coated on a surface with the desiccant of claim 34.
- 42. (New) The dehumidifying element of claim 41, wherein the carrier is gas penetrable.
- 43. (New) The dehumidifying element of claim 41, wherein the desiccant is within the carrier.
- 44. (New) The dehumidifying element of claim 41, wherein the desiccant is in a granular form or a fibrous form.
- 45. (New) The dehumidifying element of claim 41, wherein the carrier comprises at least one of a woven textile, meshed textile, knitted fabric, knit, or bonded fabric.
- 46. (New) The dehumidifying element of claim 41, wherein the carrier comprises a combination of fibers and filaments.
- 47. (New) The dehumidifying element of claim 46, wherein the fiber and the filaments are selected from

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a combination of at least one of a natural polymer and a composite polymer.

- 48. (New) The dehumidifying element of claim 41, wherein the carrier is in the form of a single layer or a multi-layer sheet.
- 49. (New) A method of making a dehumidifying element comprising the steps of:

engaging a SAP to a carrier;

drying the carrier to which the SAP is engaged;

selecting a salt solution;

contacting the carrier with the salt solution in order to perform an ionic modification

of the SAP; and

drying the carrier to which the SAP is engaged.

- 50. (New) The method of claim 49, wherein the concentration of the salt solution is between 5-15wt%.
- 51. (New) The method of claim 49, wherein the salt solution comprises water as a solvent.
- 52. (New) The method of claim 49, wherein the carrier is contacted with the salt solution by soaking or spraying the salt solution into the carrier.
- 53. (New) The method of claim 49, wherein the step of contacting the carrier with the salt solution is repeated.